TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION Effective Date: October 1, 2013
DR-644 Reevaluation Date: **November 2015**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Series 6400 Vinyl Sliding Patio Doors, Non-Impact Resistant, manufactured by

Alside Window Company/Division of AMI
3773 State Road
Cuyahoga Falls, OH 44223
(330) 922-5350

and distributed under the following trade names:

Alside
Associated Materials, Inc.
Gentek Building Products
Revere Building Products

will be acceptable in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions, the design drawings referenced in this evaluation report, and this product evaluation report.

PRODUCT DESCRIPTION

General Description:

System	Description	Label Ratings	Design Pressure Rating
1	Series 6402/6405/6406/6408 Vinyl Sliding Glass Door (3" Panels); (replacement construction) (O/X)	R-PG35 71 x 80	±35 psf
2	Series 6404/6412 Vinyl Sliding Glass Door (3" Panels); (replacement construction) (O/X/X/O)	R-PG30 140 x 80	±30 psf
3	Series 6404/6412 Vinyl Sliding Glass Door (5" Panels); (replacement construction) (O/X/X/O)	R-PG30 140 x 80	±25 psf

Product Dimensions:

System	Overall Door Size	Operable Panel Size	Fixed Daylight Opening Size
1	70 ½ " x 79 ½ "	35 5/8 " x 76 ¼ "	28 ⅛ " x 69 ¾ "
2	139 ½ " x 79 ½ "	36 ½ " x 76 ¼ "	29 ⅛ " x 69 ¾ "
3	139 ½ " x 79 ½ "	36 ½ " x 76 ¼ "	26 ⅜ " x 66 ¼ "

Product Identification (Certification Agency Label on Door):

System		
1-3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	UL-5
	Product Name	Series 6402/6405/6406/6408 Vinyl Sliding Glass Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

Impact Resistance	Description
No	Impact protective system required when product is installed in areas where windborne debris protection is required

INSTALLATION INSTRUCTIONS

General: The door assemblies shall be prepared and installed in accordance with the manufacturer's recommended installation instructions. Detailed installation instructions and drawings are available from the manufacturer.

Design Drawings: The doors shall be installed in accordance with Drawing No. TX-4299, titled "Series 6400 Extruded Vinyl Sliding Patio Door 'Non-Impact'," sheets 1 through 5 of 5, dated February 12, 2013, Drawing No. TX-4300, titled "Series 6400 Extruded Vinyl Sliding Patio Door 'Non-Impact'," sheets 1 through 5 of 5, dated February 12, 2013 and Drawing No. TX-4301, titled "Series 6400 Extruded Vinyl Sliding Patio Door 'Non-Impact'," sheets 1 through 5 of 5, dated February 12, 2013. Drawings are signed, sealed, and dated March 5, 2013 by Lyndon F. Schmidt, P.E. The stated drawings will be referred to as the approved drawings in this evaluation report.

Wall Framing Construction: The doors shall be secured to minimum Spruce-Pine-Fir dimension lumber.

Installation: The doors shall be installed as specified on the design drawings. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.